## CERTIFICATE

This is to certify that the work incorporated in the dissertation is the bonafide and original research work carried out by Shri S.B.Gayakawad under my guidance in the Department of Geography, Shivaji University, Kolhapur.

P)1 (Dr.P.W.Deshmukh)

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Place : Kolhapur Date : 23-11-1984 Reader & Research Guide, Department of Geography, Shivaji University, Kolhapur. å,